



State of New Jersey

CHRIS CHRISTIE
Governor

DEPARTMENT OF ENVIRONMENTAL PROTECTION
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BOB MARTIN
Acting Commissioner

KIM GUADAGNO
Lt. Governor

October 14, 2011

To: Distribution List

Re: Draft NJPDES Surface Water Master General Permit Renewal - Statewide
Category: B7 - Construction Dewatering (GP)
NJPDES Permit No. NJ0134511

Dear Interested Party:

This letter is written to provide notification that the Department has prepared a **draft** New Jersey Discharge Elimination System (NJPDES) permit action identified above which has been issued in accordance with N.J.A.C. 7:14A-1 *et seq.*, the NJPDES Regulations. This master general permit serves to renew the existing Master General Construction Dewatering permit which expired on May 31, 2010. If you wish to review the draft permit action, please contact Surya Shah (suryakant.shah@dep.state.nj.us) or Tara Goodreau (tara.goodreau@dep.state.nj.us) by email or by phone at (609) 292-4860.

Notice of this draft permit action appeared in the July 20, 2011 *DEP Bulletin*. The *DEP Bulletin* is available on the internet at <http://www.state.nj.us/dep/bulletin> or by contacting the DEP Document Distribution Center at (609) 777-4398. In addition, notice of this draft permit will appear in eighteen newspapers (listed below) to represent all New Jersey counties. In accordance with N.J.A.C. 7:14A-15.10(c)1i, the public comment period will close thirty days after the latest newspaper's (listed below) publication date.

Newspaper	County
<i>The Press of Atlantic City</i>	Atlantic and Cape May
<i>The Record</i>	Bergen
<i>Burlington County Times</i>	Burlington
<i>Courier Post Newspaper</i>	Camden
<i>Daily Journal</i>	Cumberland
<i>Gloucester County Times</i>	Gloucester
<i>Star Ledger</i>	Essex , Union and Passaic
<i>Courier News</i>	Somerset
<i>The Democrat</i>	Hunterdon
<i>Jersey Journal</i>	Hudson
<i>The Times</i>	Mercer
<i>Home News Tribune</i>	Middlesex
<i>Asbury Park Press</i>	Monmouth and Ocean
<i>Daily Record</i>	Morris

Newspaper (continued)	County
<i>The Herald News</i>	Passaic
<i>Today's Sunbeam</i>	Salem
<i>The New Jersey Herald</i>	Sussex
<i>The Express</i>	Warren

As detailed in the *DEP Bulletin* and the aforementioned newspapers, written comments must be submitted in writing to Pilar Patterson, Mail Code: 401-02B, Division of Water Quality, Bureau of Surface Water Permitting, P.O. Box 420, Trenton, NJ 08625-0420 by the close of the public comment period. All persons, including the applicant, who believe that any condition of this draft document is inappropriate or that the Department's tentative decision to issue this draft document is inappropriate, must raise all reasonable arguments and factual grounds supporting their position, including all supporting materials, during the public comment period. A full copy of this master general permit will be made available at www.state.nj.us/dep/dwq.

The Department will respond to all significant and timely comments upon issuance of the final document. Each person who has submitted written comments will receive notice of the Department's final decision to issue, revoke, or redraft the document.

If you have questions or comments regarding the draft action, please contact Surya Shah (suryakant.shah@dep.state.nj.us) or Tara Goodreau (tara.goodreau@dep.state.nj.us) by email or by phone at (609) 292-4860.

Sincerely,



Melisse Carasia Auriti
Supervising Environmental Specialist
Bureau of Surface Water Permitting

Enclosures

c: Permit Distribution List

Masterfile #: 39609; PI #: 50577

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New Jersey Department of Environmental Protection
Division of Water Quality
Bureau of Surface Water Permitting

PUBLIC NOTICE

Notice is hereby given that the New Jersey Department of Environmental Protection (NJDEP) proposes to renew the Master General Permit NJ0134511 for short-term discharges during Construction Dewatering activities pursuant to N.J.A.C. 7:14A-6.13 of the New Jersey Pollutant Discharge Elimination System (NJPDES) Regulations. This general permit is issued in accordance with N.J.A.C. 7:14A-1 et seq., the NJPDES Regulations, and by authority of the Water Pollution Control Act at N.J.S.A. 58:10-1 et seq.

This Construction Dewatering Master General Permit is issued to authorize short term discharges of groundwater generated during construction activities for the purpose of lowering the groundwater table. Newly included in this renewal is the ability, on a case by case basis, to authorize other short term *uncontaminated* clean discharges (such as water from newly developed potable well pump tests). Although this General Permit is specifically designed for construction dewatering related activities, the Department reserves the right to include, as deemed appropriate, other short term, uncontaminated, clean water discharges.

Discharges will be allowed into surface waters of the State or separate storm sewers, except into receiving waters classified as FW1, FW2-Category 1, Pinelands and certain Shellfish waters. These discharges are essentially “clean” in nature and are short-term in duration. The Department has determined that the construction dewatering category of point sources require the same operating conditions, require the same or similar monitoring conditions, and are more appropriately controlled under a general permit than under individual NJPDES permits.

Discharges associated with industrial processes, site remediation activities, and sanitary sewerage systems are not covered under this general permit. The “Exclusions” section of the general permit provides further clarification.

Applicants must request authorization to be covered under this general permit by submitting a completed *Request For Authorization Certification Form* (including the associated representative analytical data) that must be received by the NJDEP at least 14 days prior to discharge.

This form can be accessed on the NJDEP’s web page at: www.state.nj.us/dep/dwq/forms_surfacewater.htm.

To qualify for authorization under this general permit, the applicants are required to discharge in compliance with Federal and State Regulations and in a manner that will not cause a violation of State Surface Water Quality Standards, N.J.A.C. 7:9B-1.1 et seq. The applicant is also required to certify that the discharge will comply with the limitations listed in "Appendix A" of this permit for the applicable classification of the receiving waterbody.

This master general permit serves to renew the existing general construction dewatering permit which was issued on April 22, 2005 and expired on May 31, 2010.

A draft NJPDES permit renewal has been prepared based on the administrative record filed at the NJDEP, 401 East State Street, Trenton, New Jersey 08625. A full copy of the master general permit is available electronically by contacting Surya Shah (suryakant.shah@dep.state.nj.us) or Tara Goodreau (tara.goodreau@dep.state.nj.us) of the Bureau of Surface Water Permitting by email or at (609) 292-4860. Hard copies of the draft document are obtainable, for a nominal charge, and the administrative record is available for inspection by appointment only, Monday through Friday. If you are interested in scheduling an appointment or requesting specific information regarding the draft document, please contact the Office of the Records Custodian at (609) 341-3121 or www.nj.gov/dep/opra/.

Written comments must be submitted in writing to Pilar Patterson, Chief, or Attention: Comments on Public Notice NJ0134511, Division of Water Quality, Mail Code: 401-02B, Bureau of Surface Water Permitting, P.O. Box 420, Trenton, NJ 08625. These written comments must be received by the close of the public comment period, which closes thirty calendar days after publication of this notice in the newspapers. All persons, including the applicant, who believe that any condition of this draft document is inappropriate or that the Department's decision to issue this draft document is inappropriate, must raise all reasonable arguments and factual grounds supporting their position, including all supporting materials, during the public comment period.

The NJDEP will respond to all significant and timely comments upon issuance of the final document. The permittee and each person who has submitted written comments will receive notice of the Department’s permit decision.

New Jersey Department of Environmental Protection
Division of Water Quality
Bureau of Surface Water Permitting

FACT SHEET

Masterfile #: 39609

PI #: 50577

This fact sheet sets forth the principle facts and the significant factual, legal, and policy considerations examined during preparation of the draft master general construction-dewatering permit. This permit action has been prepared in accordance with the New Jersey Water Pollution Control Act and its implementing regulations at N.J.A.C. 7:14A-1 et seq., the New Jersey Pollutant Discharge Elimination System (NJPDES).

PERMIT ACTION: Surface Water Renewal Action – Master General Permit for Construction Dewatering Discharges

The Department is proposing to issue a Surface Water Master General Permit Renewal.

1 Description of the Master General Permit for Construction Dewatering Discharges:

Construction activities are frequently conducted within the State of New Jersey, and as a result, the need to pump out groundwater and discharge this water is also common. However, all discharges to surface waterbodies of the State must comply with the NJPDES discharge to surface water regulations. Pursuant to N.J.A.C. 7:14A-6.13(b)4, the New Jersey Department of Environmental Protection (Department) has determined that the *Construction Dewatering Discharge* category of point source discharges conducted for the purpose of lowering the groundwater table during construction activities, are more appropriately controlled under a general permit than under an individual permit. As such, the Department has issued one master general permit to regulate discharges resulting from construction activities. Issuance of a master general permit serves to simplify and streamline the NJPDES permitting process for these similar types of discharges.

This construction dewatering master general permit is being renewed to continue to authorize planned construction dewatering discharges into surface waters. These discharges are essentially "clean" in nature and are short-term in duration. This short duration of time is substantially less than the amount of time it would take to administratively process and issue an individual NJPDES permit which has a five year term of effectiveness. The types of discharges that are subject to this general permit only need authorization for a portion of the actual five-year duration of a NJPDES permit.

By renewing this general permit, the Department intends to continue to effectively regulate such discharges without setting unreasonable or unnecessarily burdensome conditions or requirements for dischargers and without creating an undue administrative burden for the Department and applicant. Issuing individual permits for these types of discharges would be resource intensive to the extent of being impractical without having any recognized environmental benefit. In accordance with N.J.S.A. 58:10A, the Department is renewing this general permit to continue to operate with Best Management Practices (BMPs), groundwater analysis, and construction dewatering discharge limitations as listed in "Appendix A" of this permit. The Department has retained the provision that the permittee must submit a "**Request for Authorization Certification Form**" (Certification), with an accompanying representative untreated groundwater analysis as a condition for authorization under this general permit.

This general permit is intended for short-term discharges and authorizes the discharge of water that may contain de minimis amounts of pollutants. The main pollutants of concern that may be present in the groundwater include filterable or dissolved solids, and suspended solids. A de minimis discharge of pollutants for purposes of this general permit is defined as water, which complies with all of the conditions specified in this permit, including the limitations listed in "Appendix A."

This general permit **does not authorize** discharges into receiving waters classified as FW1, FW2 - Category 1 (C1), PL (Pinelands) and certain Shellfish waters. Also, discharges associated with industrial processes, site remediation activities, and sanitary sewage **are not** covered under this general permit. However, discharges into all other classified waters may be eligible for authorization under this general permit.

Newly Proposed in This Master General Renewal Permit:

(1) This proposed renewal of the Master General Permit (B7) for Construction Dewatering includes the ability, on a case by case basis, to authorize other short term *uncontaminated* discharges (such as water from newly developed potable well pump tests).

(2) The Department has included a “Checklist” that is available on the Department’s website at http://www.state.nj.us/dep/dwq/forms_surfacewater.htm to provide guidance for potential applicants in determining if this permit is appropriate for their discharge.

2 Name and Address of the Applicant:

Indicated on Individual Request for Authorization
Certification From

3 Name and Address of the Facility/Site:

Indicated on Individual Request for Authorization
Certification From

4 Receiving Waterbody Classification:

The classification of the receiving water must be included on each individual request for authorization under this general permit. Receiving water classifications may be obtained from N.J.A.C. 7:9B-1.1 et seq., the New Jersey Surface Water Quality Standards (SWQS). In accordance with the SWQS, saline waters are considered to be those waters classified as SE1, SE2, SE3, or SC and fresh waters are considered to be those waters classified as FW2 waters. For waters with two classifications (e.g. FW2-NT/SE1), the waterbody is defined as saline if the result of a salinity measurement exceeds 3.5 parts per thousand at mean high tide or as fresh if the salinity is less than or equal to 3.5 parts per thousand, in accordance with N.J.A.C. 7:9B-1.4. With respect to the Delaware River, where the classifications are specified as zones, the Delaware Memorial Bridge is the approximate location of the interface between saline and fresh water; therefore, discharges north of the Delaware Memorial Bridge will be considered to be discharging to fresh waters and discharges south of the Delaware Memorial Bridge will be considered to be discharging to saline waters.

As per the SWQS at N.J.A.C. 7:9B, the designated uses for the, Freshwater 2 (FW2), Saline Estuary 1 (SE1), Saline Estuary 2 (SE2), Saline Estuary 3 (SE3), and Saline Coastal (SC) receiving waters are:

FW2:

1. Maintenance, migration and propagation of the natural and established biota;
2. Primary and secondary contact recreation;
3. Industrial and agricultural water supply;
4. Public potable water supply after conventional filtration treatment (a series of processes including filtration, flocculation, coagulation, and sedimentation, resulting in substantial particulate removal but no consistent removal of chemical constituents) and disinfection; and
5. Any other reasonable uses.

SE1:

1. Shellfish harvesting in accordance with N.J.A.C. 7:12;
2. Maintenance, migration and propagation of the natural and established biota;
3. Primary and secondary contact recreation; and
4. Any other reasonable uses.

SE2:

1. Maintenance, migration and propagation of the natural and established biota;
2. Migration of diadromous fish;
3. Maintenance of wildlife;
4. Secondary contact recreation; and
5. Any other reasonable uses.

SE3:

1. Secondary contact recreation;
2. Maintenance and migration of fish populations;
3. Migration of diadromous fish;
4. Maintenance of wildlife; and
5. Any other reasonable uses.

SC:

1. Shellfish harvesting in accordance with N.J.A.C. 7:12;
2. Primary and secondary contact recreation;
3. Maintenance, migration and propagation of the natural and established biota; and
4. Any other reasonable uses.

The designated uses for the mainstem Delaware River and Delaware Bay are those contained in "Delaware River Basin Commission, Water Quality Regulations, Administrative Manual - Part III," Article 3, dated October 23, 1996, including all amendments and future supplements thereto and are described below:

Zone 1C:

Zone 1C is that part of the Delaware River extending from the U.S. Routes 6 and 209 bridge at Port Jervis, New York, R.M. 254.75, to Tocks Island Dam, 217.0 (proposed axis of dam).

The quality of Zone 1C waters shall be maintained in a safe and satisfactory condition for the following uses:

1.
 - a. public water supplies after reasonable treatment,
 - b. industrial water supplies after reasonable treatment,
 - c. agricultural water supplies;
2.
 - a. maintenance and propagation of resident game fish and other aquatic life,
 - b. spawning and nursery habitat for anadromous fish,
 - c. passage of anadromous fish,
 - d. wildlife;
3. recreation.

Zone 1D:

Zone 1D is that part of the Delaware River extending from Tocks Island Dam, R.M. 217.0 (proposed axis of dam), to the mouth of the Lehigh River at Easton, Pennsylvania, R.M. 183.66.

The quality of Zone 1D waters shall be maintained in a safe and satisfactory condition for the following uses:

1.
 - a. public water supplies after reasonable treatment,
 - b. industrial water supplies after reasonable treatment,
 - c. agricultural water supplies;
2.
 - a. maintenance and propagation of resident game fish and other aquatic life,
 - b. spawning and nursery habitat for anadromous fish,
 - c. passage of anadromous fish,
 - d. wildlife;
3. recreation.

Zone 1E:

Zone 1E is that part of the Delaware River extending from the mouth of the Lehigh River at Easton, Pennsylvania, R.M. 183.66, to the head of tidewater at Trenton, New Jersey, R.M. 133.4 (Trenton-Morrisville Toll Bridge).

The quality of Zone 1E waters shall be maintained in a safe and satisfactory condition for the following uses:

1.
 - a. public water supplies after reasonable treatment,
 - b. industrial water supplies after reasonable treatment,
 - c. agricultural water supplies;
2.
 - a. maintenance and propagation of resident game fish and other aquatic life,
 - b. spawning and nursery habitat for anadromous fish,
 - c. passage of anadromous fish,
 - d. wildlife;
3. recreation.

Zone N2:

Zone N2 is: 1. Clove Brook extending from its source in Steeny Kill Lake in New Jersey to its mouth in New York at R.M. 0.5 on the Neversink River; an unnamed tributary of Clove Brook extending from its source in New York to its mouth in New Jersey at R.M. 1.0 on Clove Brook; an unnamed tributary to the above unnamed tributary of Clove Brook extending from its source in New York to its mouth in New Jersey at R.M. 0.7 on the unnamed tributary of Clove Brook.

The quality of Zone N2 waters shall be maintained in a safe and satisfactory condition for the following uses:

1.
 - a. public water supplies after reasonable treatment,
 - b. industrial water supplies after reasonable treatment,
 - c. agricultural water supplies;
2.
 - a. maintenance and propagation of resident game fish and other aquatic life,
 - b. maintenance and propagation of trout,
 - c. wildlife;
3. recreation.

Zone 2:

Zone 2 is that part of the Delaware River extending from the head of tidewater at Trenton, New Jersey, R.M. (River Mile) 133.4 (Trenton-Morrisville Toll Bridge) to R.M. 108.4 below the mouth of Pennypack Creek, including the tidal portion of the tributaries thereof.

The quality of Zone 2 waters shall be maintained in a safe and satisfactory condition for the following uses:

1.
 - a. public water supplies after reasonable treatment,
 - b. industrial water supplies after reasonable treatment,
 - c. agricultural water supplies;
2.
 - a. maintenance and propagation of resident fish and other aquatic life,
 - b. passage of anadromous fish,
 - c. wildlife;
3. recreation;
4. navigation.

Zone 3:

Zone 3 is that part of the Delaware River extending from R.M. 108.4 to R.M. 95.0 below the mouth of Big Timber Creek, including the tidal portions of the tributaries thereof.

The quality of Zone 3 waters shall be maintained in a safe and satisfactory condition for the following uses:

1.
 - a. public water supplies after reasonable treatment,
 - b. industrial water supplies after reasonable treatment,
 - c. agricultural water supplies;

2. a. maintenance of resident fish and other aquatic life,
b. passage of anadromous fish,
c. wildlife;
3. recreation - secondary contact;
4. navigation.

Zone 4:

Zone 4 is that part of the Delaware River extending from R.M. 95.0 to R.M. 78.8, the Pennsylvania-Delaware boundary line, including the tidal portions of the tributaries thereof.

The quality of Zone 4 waters shall be maintained in a safe and satisfactory condition for the following uses:

1. industrial water supplies after reasonable treatment;
2. a. maintenance of resident fish and other aquatic life, 64
b. passage of anadromous fish,
c. wildlife;
3. a. recreation - secondary contact above R.M. 81.8,
b. recreation below R.M. 81.8;
4. navigation.

Zone 5.

Zone 5 is that part of the Delaware River extending from R.M. 78.8 to R.M. 48.2, Liston Point, including the tidal portions of the tributaries thereof.

The quality of waters in Zone 5 shall be maintained in a safe and satisfactory condition for the following uses:

1. industrial water supplies after reasonable treatment;
2. a. maintenance of resident fish and other aquatic life,
b. propagation of resident fish from R.M. 70.0 to R.M. 48.2,
c. passage of anadromous fish,
d. wildlife;
3. recreation;
4. navigation.

Zone 6.

Zone 6 is Delaware Bay extending from R.M. 48.2 to R.M. 0.0, the Atlantic Ocean, including the tidal portions of the tributaries thereof.

The quality of Zone 6 waters shall be maintained in a safe and satisfactory condition for the following uses:

1. a. industrial water supplies after reasonable treatment,
2. a. maintenance and propagation of resident fish and other aquatic life,
b. maintenance and propagation of shellfish,
c. passage of anadromous fish,
d. wildlife;
3. recreation;
4. navigation.

5 Description of Facilities Covered by the Master Construction Dewatering Permit:

To be considered eligible under this general permit, the discharge must result from construction activities and contain only uncontaminated groundwater. This general permit requires that the discharger take a sample of the groundwater to be discharged and submit the results of the analyses with the Certification. The discharge shall, at a minimum, comply with the limitations listed in "Appendix A" for the receiving water classification to minimize any environmental impact that may result from the discharge. This permit operates under the premise that if appropriate BMPs and/or temporary treatment units are implemented prior to the discharge, no negative

environmental impact should result from the discharge. If appropriate BMPs are not employed, and the discharge causes adverse environmental impacts to the receiving water, the discharge is in violation of this permit, and the entity authorizing the activity and certifying compliance with the requirements of this general permit could be subject to enforcement action.

The discharges below may be **ELIGIBLE** for authorization under this permit:

- Discharges from the following construction activities: construction work related to residential or commercial building; repair, replacement or maintenance of pipelines, utility lines or cable lines; and excavation for foundation work.
- Discharges resulting from installation of underground or subsurface storage tanks may qualify for coverage provided the groundwater has **not been contaminated** by leakage from any existing underground or subsurface storage tanks. If the associated groundwater **is contaminated** or suspected to contain contamination from petroleum products clean up sites, remediations, or sediment laden waters please review the General Remediation Clean-up (BGR) Permit or the General Petroleum Product Clean-up (B4B) Permit to determine if either are applicable to your discharge.
- Incidental discharges to groundwater of the State, which may result from a discharge authorized by this permit, such as from overland flow on the way to the storm sewer or surface water conveyance, are also authorized under this general permit.
- Newly included in this renewal is the ability, on a case by case basis, to authorize other short term uncontaminated discharges (such as newly developed potable well pump tests). Although this General Permit is specifically designed for construction dewatering related activities, the Department reserves the right to include, as deemed appropriate, other short term, uncontaminated water discharges.

Scheduled multiple short-term discharges occurring over a period of time are eligible for authorization under this permit. In these instances, the Department requires the Certification to include a schedule of occurrence of all of the discharges. If a discharge cited above exceeds a short-term nature due to unforeseen circumstances and it becomes necessary to extend the duration of the discharge, the person signing the Certification must submit a written request to the Department for a determination to continue to be authorized by this permit.

For other discharge scenarios not already described in this general permit, the Department may authorize multiple discharges that are short-term in nature and “clean” but that will occur over a period of time under this general permit upon written approval. The applicant should submit a request to the Department to be authorized under this permit and include an estimated discharge schedule. Other similar types of planned, non-continuous, short-term discharges may qualify for coverage under this permit on a case-by-case basis based upon individual written approval by the Department.

All facilities considered eligible under this master general permit are considered minor dischargers by the Department in accordance with the United States Environmental Protection Agency (EPA) rating criteria.

Questions regarding discharges, which are similar to the discharges listed above that are not specified, or questions regarding the eligibility of any discharge for this general permit, should be directed to Surya Shah or Tara Goodreau of the Bureau of Surface Water Permitting at (609) 292-4860.

6 History of the Master General Permit for Construction Dewatering Discharges:

The first “Construction Dewatering” general permit was finalized the on August 27, 1999. This permit was tracked as “Category B7” in the Department’s database. The August 27, 1999 master Construction Dewatering general permit authorized the discharge of groundwater which resulted from lowering the groundwater table during construction. The August 27, 1999 master B7 permit was renewed on April 22, 2005. For detailed

information and the background of this general permit, please see the Department's Fact Sheet for the draft general permit issued October 29, 2004.

The Department is proposing to renew the existing master "Construction Dewatering" general permit. The Department received 82 requests for authorization under this general permit for the period beginning on June 1, 2004, and ending on August 6, 2010. These requests included from several gallons per minute to millions of gallons per day of discharge. The discharge flow rates, length of time of discharge, and duration of construction activities for these requests were variable. The majority of requests for authorization under this general permit were for installation of underground storage tanks; commercial and residential construction activities; repair, replacement and/or maintenance of pipelines, sanitary sewer lines, water mains, and gas pipelines; and installation of utility lines, fiber optics cables, and cable lines.

In all cases, the applicants proposed adequate BMPs to protect against soil erosion and to control discharge of suspended solids. Some of the BMPs used by the dischargers included use of carbon filters, filter fabric, hay bales, silt fences, stone covered areas, frac tanks and holding tanks for settling suspended solids.

This proposed master Construction Dewatering General Permit contains some differences from the 2005 master B7 permit. These differences include the Department's ability, on a case by case basis, to authorize other short term uncontaminated discharges (such as newly developed potable well pump tests). Although this General Permit is specifically designed for construction dewatering related activities, the Department reserves the right to include, as deemed appropriate, other short term, uncontaminated water discharges. Also included is a "checklist" which is designed to assist applicants in determining if this is the appropriate permit for their discharge.

7 Summary of Permit Conditions:

Applicants must notify the Department to be covered under this general permit by submitting a completed and signed Certification Form. *An analysis of the untreated groundwater must accompany the Certification form.* This Certification must be signed in accordance with N.J.A.C. 7:14A-4.9. The entity should simultaneously submit a copy of the Certification form to the appropriate regional enforcement office, depending on the county where the discharge activity will occur. Applicants are required to submit the Certification form (and the associated untreated groundwater analysis) so that the Department receives it at least **14 days prior to discharge**. The applicant, in addition to submitting the original Certification form to the Department, must maintain a copy on-site. If it is impractical to maintain it on-site, the applicant must provide a copy of the Certification form to the Clerk of the municipality where this discharge activity will occur.

The company or entity conducting the activity that will result in a surface water discharge shall provide specific information about the discharge itself. The person signing the Certification form will also be responsible for ensuring that the discharge meets all applicable requirements of this general permit during the entire discharge event. The Certification form shall include specific information regarding the discharge including the scheduled date(s), location(s), estimated duration, rate of flow, conveyance, receiving water with its classification, all BMPs employed and analytical data. Certification forms are available from the Division of Water Quality or the Department's web site: www.state.nj.us/dep/dwq/forms.htm.

A. Basis for Permit Conditions - General

The effluent limitations and permit conditions in this permit have been developed to ensure compliance with the following:

1. NJPDES Regulations (N.J.A.C. 7:14A),
2. New Jersey Surface Water Quality Standards (N.J.A.C. 7:9B),
3. Water Quality Regulations of the Delaware River Basin Commission (N.J.A.C. 7:9B-1.5(b)1),
4. Interstate Environmental Commission Regulations (N.J.A.C. 7:9B-1.5(b)2),

5. Existing permit limitations in accordance with N.J.A.C. 7:14A-13.19 and 40 CFR 122.44 (antibacksliding requirements),
6. Permit limitations in accordance with N.J.A.C. 7:9B-1.5(d) (antidegradation requirements),
7. Statewide Water Quality Management Planning Rules (N.J.A.C. 7:15).

This permit action does not authorize any increase in the concentration or loading of pollutants above those levels authorized under the existing permit. All conditions in this permit action are equal to or more stringent than those contained in the existing permit. As a result, this permit action satisfies the federal and state anti-degradation regulations at 40 CFR 131.12 and N.J.A.C. 7:9B-1.5(d), and no further anti-degradation analysis is necessary.

B. Basis for Exclusions or Denial

This general permit **EXCLUDES** discharges into Outstanding National Resource Waters (ONRW) which is the highest level of protection afforded to surface waters under the SWQS. ONRW includes Freshwater 1 (FW1) waters and Pinelands (PL) waters. **FW1 waters**, also known as Nondegradation waters, are set aside for posterity because of their unique ecological significance, exceptional recreational significance, or exceptional water supply significance. Nondegradation waters are not to be subjected to any manmade wastewater discharges. Activities that might alter existing water quality in FW1 waters are prohibited. **PL waters** are maintained in their natural state and changes are allowed only toward natural water quality.

Additionally, this general permit also **EXCLUDES** discharges into FW2-Category 1 (C1) and **certain** Shellfish waters. **Shellfish waters** exclusion locations are consistent with the current Shellfish Growing Water Classification Charts, which are updated annually in accordance with N.J.A.C. 7:12-1 *et seq.* These charts may be obtained from the Bureau of Marine Water Monitoring, PO Box 405, Stoney Hill Road, Leeds Point, NJ 08220 or from any shellfish agency, shellfisheries office, or the marine police. This information is also available online at the Department's website at <http://www.nj.gov/dep/bmw/waterclass.htm>.

The Department may deny any request for authorization under the master general permit for any proposed discharge into receiving waters classified as FW1, FW2-Category 1 (C1), PL and Shellfish waters excluding locations listed in the Department's Shellfish Growing Waters Classification Charts. In addition, the

Department may also make a case-by-case determination that other discharge authorization requests are ineligible for coverage under the conditions of this master general permit.

The following discharges are specifically **EXCLUDED** from Authorization under this permit because they are either regulated under other permits or the discharge may cause adverse environmental impact to the receiving waters:

1. Sediment laden waters controlled under the Standards for Soil Erosion and Sediment Control in New Jersey and the Soil Erosion and Sediment Control Act (N.J.S.A. 4-24-39 *et seq.*);
2. All discharges of industrial process wastewater including contact and non-contact cooling water;
3. Sanitary sewer flushing;
4. Discharges from domestic, publicly or privately owned, and industrial treatment works;
5. Combined sewer overflow;
6. Sanitary sewer overflow;
7. Discharges in any way associated with site remediation activities, including groundwater from any adjacent site needing either water and/or soil remediation or any contaminated site needing remediation;

8. Contaminated water from monitoring well construction and development or capping;
9. Discharges from water and wastewater treatment system bench scale and pilot testing;
10. Discharges resulting from filter backwash operations;
11. Draining of and filter backwash from municipal, commercial, or other non-residential swimming pools;
12. Water used to clean and rinse storage tanks, natural gas pipelines, or other vessels;
13. Contaminated water resulting from construction dewatering activities;
14. Discharges resulting from water main breaks and water distribution system infrastructure failures;
15. Emergency discharges of contaminated water;
16. Tank or vessel bottom water accumulated at the bottom of the tank/vessel during its operations;
17. Discharges from the disinfection of newly constructed or repaired potable water mains, and fire hydrant flushing;
18. Discharges resulting from Hydrostatic testing;
19. ALL petroleum products cleanup activities; and
20. Discharges from mining operations.

C. Basis for Monitoring Requirements - Specific:

1. Flow: This permit does not include a numerical limitation for flow. However, the permittee is required to estimate and monitor and report the discharge volume because any construction dewatering project that exceeds a 100,000 gallons per day (GPD) discharge of groundwater for a period of 30 days or more may require a temporary water diversion permit from the Department's Bureau of Water Allocation.
2. Appendix A Parameters: This general permit requires that the permittee comply with the "Appendix A" limitations for the receiving water classification. The "Appendix A" limitations are based on the Department's "Effluent Standards For Site Remediation Projects" pursuant to N.J.A.C. 7:14A-12, Appendix B except for the Methyl Tertiary Butyl Ether (MTBE) which is in accordance with N.J.A.C. 7:9B-1.14 et seq. Although this permit does not authorize the discharge of groundwater from site remediation activities, the Certification form and "Appendix A" limitations provide the Department with additional assurances that these discharges will not cause exceedances of the applicable Federal or State SWQS. Therefore, at a minimum, the permittee is required to monitor the groundwater **prior to discharge** to ensure that the discharge complies with the "Appendix A" limitations.
3. Turbidity: Continuously monitoring turbidity may provide a correlation with elevated concentrations of some of the pollutants listed in Appendix A (e.g. organic compounds). The permittee may develop a turbidity benchmark to establish a relationship between the turbidity and the "Appendix A" pollutants by simultaneously sampling for turbidity and the "Appendix A" pollutants. The permittee may use the turbidity benchmark for monitoring the discharge on a routine basis by using a chart to show what turbidity is necessary to meet the "Appendix A" values.

D. Recommended Quantitation Levels Policy (RQLs):

The Department developed the RQLs to insure that useful data is provided to the Department in order to characterize the discharger's effluent. The Department recommends that the permittee achieve detection levels that are at least as sensitive as the RQLs found in "Appendix A." The Department has determined that the quantitation levels listed therein can be reliably and consistently achieved by most state certified laboratories for most of the listed pollutants using the appropriate procedures specified in 40 CFR Part 136.

E. Reporting Requirements:

All required groundwater data shall be monitored and submitted to the Department with the request for Authorization.

F. General conditions:

In accordance with N.J.A.C. 7:14A-2.3 and 6.1(b), specific rules from the New Jersey Administrative Code have been incorporated either expressly or by reference in Part I.

G. Flow Related Conditions:

Construction dewatering, such as that regulated under this permit, is not required to be addressed in the applicable Water Quality Management Plans and/or Wastewater Management Plans for each individual request for Authorization.

8 Description of Procedures for Reaching a Final Decision on the Draft Action:

Please refer to the procedures described in the public notice published in the DEP Bulletin. In addition to the DEP Bulletin, the public notice for this permit action is published in the following newspapers, which represent the counties indicated:

Newspaper	County
<i>The Press of Atlantic City</i>	Atlantic and Cape May
<i>The Record</i>	Bergen
<i>Burlington County Times</i>	Burlington
<i>Courier Post Newspaper</i>	Camden
<i>Daily Journal</i>	Cumberland
<i>Gloucester County Times</i>	Gloucester
<i>Star Ledger</i>	Essex and Union
<i>Courier News</i>	Somerset
<i>The Democrat</i>	Hunterdon
<i>Jersey Journal</i>	Hudson
<i>The Times</i>	Mercer
<i>Home News Tribune</i>	Middlesex
<i>Asbury Park Press</i>	Monmouth and Ocean
<i>Daily Record</i>	Morris
<i>The Herald News</i>	Passaic
<i>Today's Sunbeam</i>	Salem
<i>The New Jersey Herald</i>	Sussex
<i>The Express</i>	Warren

9 Contact Information

If you have any questions regarding this permit action, please contact Surya Shah (suryakant.shah@dep.state.nj.us) or Tara Goodreau (tara.goodreau@dep.state.nj.us) of the Bureau of Surface Water Permitting by email or by phone at (609) 292-4860.

10 Contents of the Administrative Record

The following items are used to establish the basis of the Draft Permit:

Rules and Regulations:

1. 33 U.S.C. 1251 *et seq.*, Federal Water Pollution Control Act. [C]
2. 40 CFR Part 131, Federal Water Quality Standards. [A] [C]
3. 40 CFR Part 122, National Pollutant Discharge Elimination System. [C]
4. N.J.S.A. 58:10A-1 *et seq.*, New Jersey Water Pollution Control Act. [A] [B]
5. N.J.A.C. 7:14A-1 *et seq.*, New Jersey Pollutant Discharge Elimination System Regulations. [A] [B]
6. N.J.A.C. 7:9B-1 *et seq.*, New Jersey Surface Water Quality Standards. [A] [B]
7. N.J.A.C. 7:15, Statewide Water Quality Management Planning Rules. [A] [B]
8. N.J.A.C. 7:14C, Sludge Quality Assurance Regulations. [B]

Guidance Documents / Reports:

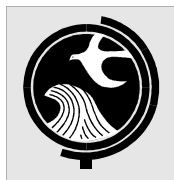
1. "Field Sampling Procedures Manual", published by the NJDEP. [A]
2. "EPA Technical Support Document for Water Quality-based Toxics Control", EPA/505/2-90-001, March 1991. [A]
3. New Jersey's 2008 Integrated Water Quality Monitoring and Assessment Report (includes 305 (b) Report 303(d) List). [A] [B]

Permits:

1. Existing NJPDES/DSW Permit NJ0134511, issued April 22, 2005 and effective June 1, 2005. [A]

Footnotes:

- [A] Denotes items that may be found in the NJPDES/DSW Administrative Record Library located in the NJDEP Central File Room, 401 East State Street, Trenton, New Jersey.
- [B] Denotes items that may be found on the New Jersey Department of Environmental Protection (NJDEP) website located at "<http://www.state.nj.us/dep/>".
- [C] Denotes items that may be found on the United States Environmental Protection Agency (USEPA) website at "<http://www.epa.gov/>".



NEW JERSEY POLLUTANT DISCHARGE ELIMINATION SYSTEM

The New Jersey Department of Environmental Protection hereby grants you a NJPDES permit for the facility/activity named in this document. This permit is the regulatory mechanism used by the Department to help ensure your discharge will not harm the environment. By complying with the terms and conditions specified, you are assuming an important role in protecting New Jersey's valuable water resources. Your acceptance of this permit is an agreement to conform with all of its provisions when constructing, installing, modifying, or operating any facility for the collection, treatment, or discharge of pollutants to waters of the state. If you have any questions about this document, please feel free to contact the Department representative listed in the permit cover letter. Your cooperation in helping us protect and safeguard our state's environment is appreciated.

Permit Number: NJ0134511

Draft: Surface Water Master General Permit Renewal

Permittee:

NJPDES Master General Permit Program Interest
Category B7
Per Individual Notice of Authorization
Division Of Water Quality
PO Box 420
401 East State Street
Trenton, NJ 08625

Property Owner:

NJPDES Master General Permit Program Interest
Category B7
Per Individual Notice of Authorization
Division Of Water Quality
PO Box 420
401 East State Street
Trenton, NJ 08625

Location Of Activity:

NJPDES Master General Permit Program Interest
Category B7
Per Individual Notice of Authorization
Division Of Water Quality
PO Box 420
401 East State Street
Trenton, NJ 08625

Authorization(s) Covered Under This Approval	Issuance Date	Effective Date	Expiration Date
B7- Construction Dewatering (GP)			

By Authority of:
Commissioner's Office

DEP AUTHORIZATION
Pilar Patterson, Chief
Bureau of Surface Water Permitting
Division of Water Quality

(Terms, conditions and provisions attached hereto)

Division of Water Quality

PART I

NARRATIVE REQUIREMENTS

Construction Dewatering (GP)

A. GENERAL REQUIREMENTS FOR AUTHORIZATION UNDER THE NJPDES DISCHARGE TO SURFACE WATER GENERAL PERMIT FOR CONSTRUCTION DEWATERING DISCHARGES (NJ0134511)

1. Requirements Incorporated by Reference

- a. The permittee shall comply with all conditions set forth in this permit and with all of the applicable requirements incorporated into this permit by reference. The permittee is required to comply with the regulations, including those cited in paragraphs b. through e. (below), which are in effect as of the effective date of this final renewal permit.
- b. General Conditions
 - i. Penalties for Violations - N.J.A.C. 7:14-8.1 et seq
 - ii. Incorporation by Reference - N.J.A.C. 7:14A-2.3
 - iii. Toxic Pollutants - N.J.A.C. 7:14A-6.2(a)4i
 - iv. Duty to Comply N.J.A.C. 7:14A-6.2(a)1 & 4
 - v. Duty to Mitigate - N.J.A.C. 7:14A-6.2(a)5, 6.2(a)11
 - vi. Inspection and Entry - N.J.A.C. 7:14A-2.11(e)
 - vii. Enforcement Action - N.J.A.C. 7:14A-2.9
 - viii. Signatory Requirements for Applications and Reports N.J.A.C. 7:14A-4.9
 - ix. Effect of Permit/Other Laws - N.J.A.C. 7:14A-2.9(c), 6.2(a)6&7
 - x. Severability - N.J.A.C. 7:14A-2.2(b)
 - xi. Administrative Continuation of Permits N.J.A.C. 7:14A-2.8
 - xii. Permit Actions - N.J.A.C. 7:14A-2.7(c)
 - xiii. Permit Duration - N.J.A.C. 7:14A-2.7(a)
 - xiv. Confidentiality N.J.A.C. 7:14A-18.2 & 2.11(g)
 - xv. Treatment Works Approval - N.J.A.C. 7:14A-22 & 23
 - xvi. General Permits - N.J.A.C. 7:14A-6.13
- c. Operation and Maintenance

Construction Dewatering (GP)

- i. Need to Halt or Reduce not a Defense - N.J.A.C. 7:14A-2.9(b)
- ii. Proper Operation and Maintenance - N.J.A.C. 7:14A-6.12(a)
- d. Monitoring And Records
 - i. Monitoring N.J.A.C. 7:14A-6.5
 - ii. Record Keeping - N.J.A.C. 7:14A-6.6
 - iii. Signatory Requirements for Monitoring Reports - N.J.A.C. 7:14A-6.9
- e. Reporting Requirements
 - i. Planned Changes - N.J.A.C. 7:14A-6.7
 - ii. Noncompliance Reporting - N.J.A.C. 7:14A-6.10
 - iii. Hotline/Two Hour & Twenty-four Hour Reporting N.J.A.C. 7:14A-6.10(c) & (d)
 - iv. Written Reporting N.J.A.C. 7:14A-6.10(e) & (f) & 6.8(h)
 - v. Duty to Provide Information - N.J.A.C. 7:14A-2.11, 6.2(a)14 & 18.1
 - vi. Transfer - N.J.A.C. 7:14A-6.2(a)8, 6.13(n), 16.1, 16.2

B. GENERAL REQUIREMENTS FOR CONSTRUCTION DEWATERING DISCHARGES (NJ0134511)

1. PURPOSE AND SCOPE

- a. This General Permit for Construction Dewatering authorizes the short term discharge of groundwater for the purpose of lowering the groundwater table during construction related activities.
 - i. Newly included in this renewal is the ability, on a case by case basis, to authorize other short term uncontaminated discharges (such as water from newly developed potable well pump tests). Although this Master General Permit is specifically designed for construction dewatering related activities, the Department reserves the right to include, as deemed appropriate, other short term, uncontaminated, clean water discharges.
- b. This permit is intended for short-term discharges containing de minimis amounts of pollutants. A de minimis discharge for purposes of this general permit is defined as water containing a relatively insignificant amount of pollutants that complies with all of the conditions specified in this permit, including the limitations specified in Appendix A.
- c. This permit operates under the premise that appropriate Best Management Practices (BMPs) are implemented prior to discharge and temporary treatment units are provided, if necessary. If the discharge causes adverse environmental impacts to the receiving waters, the discharge is in violation of this permit. The entity authorizing the activity and certifying compliance with the requirements of this general permit would then be subject to enforcement action. A representative from the Department's Bureau of Water Compliance and Enforcement will be contacted if it is suspected that a discharge event was not conducted in accordance with all requirements of this permit.

- d. The entity responsible for the work that results in a discharge authorized by this permit, is required to submit an original copy of the Request for Authorization Certification Form (Certification) certifying that the proposed discharge(s) will comply with all of the conditions of this permit. The Department must receive the Certification form at least fourteen (14) days prior to the proposed discharge. Specific information regarding the Certification form is found in Section E below. The Certification form is available on the Department's website at www.state.nj.us/dep/dwq/forms.htm. The applicant becomes authorized to discharge under this general permit fourteen (14) days after the Department receives the complete Certification form, UNLESS the Department notifies the applicant that the discharge is NOT eligible.
- e. The certifying agent will be responsible for ensuring that the discharge meets all of the applicable requirements of this general permit during the entire discharge event.
- f. This general permit EXCLUDES discharges into Outstanding National Resource Waters (ONRW), the highest level of protection afforded to the surface waters under the New Jersey Surface Water Quality Standards (SWQS), which includes Freshwater 1 (FW1) waters and Pinelands (PL) waters. FW1 waters, also known as nondegradation waters, are set aside for posterity because of their unique ecological significance, exceptional recreational significance or exceptional water supply significance. Nondegradation waters are not to be subjected to any manmade wastewater discharges. PL waters include all waters within the Pinelands area.
- g. Additionally, this general permit also EXCLUDES discharges into FW2-Category 1 (C1) waters and certain Shellfish waters. Shellfish waters exclusion locations are consistent with the current Shellfish Growing Water Classification Charts, which are updated annually in accordance with N.J.A.C. 7:12-1 et seq. These charts may be obtained online at www.nj.gov/dep/bmw or from the Bureau of Marine Water Monitoring, P.O. Box 405, Stoney Hill Road, Leeds Point, New Jersey 08220 or from any shellfish agency, shellfisheries office or the marine police.
- h. Category 1 Waters (C1) means those waters designated in the tables at N.J.A.C. 7:9B-1.15 (c) through (i), for purposes of implementing the antidegradation policies set forth at N.J.A.C. 7:9B-1.5(d), for protection from measurable changes in water quality based on exceptional ecological significance, exceptional recreational significance, exceptional water supply significance or exceptional fisheries resource(s) to protect their aesthetic value (color, clarity, scenic setting) and ecological integrity (habitat, water quality and biological functions).
- i. Water body classifications are defined in N.J.A.C. 7:9B-1.4. All individual stream classifications are designated in tables located at N.J.A.C. 7:9B-1.15 (c) through (j). Table (j) specifically lists all FW1 waters. For those receiving waters not listed, the applicable classification is that of the waterbody into which the immediate receiving water empties.
- j. For additional information pertaining to FW1, FW2-Category 1 (C1), FW2, PL or Shellfish waters, the permittee should contact the Department's Bureau of Water Quality Standards and Assessment at (609) 777-1753.
- k. Discharges eligible for authorization under this permit may be discharged to FW2 (except waters classified as C1), SE1, SE2, SE3 and SC waters of the State directly and /or via storm sewers.
- l. The Department may authorize scheduled multiple short-term discharges occurring over a period of time. In these instances, the Department requires the Certification form to include a proposed schedule of the expected discharges. If unforeseen circumstances occur and it is necessary to extend the duration of the discharge, the person signing the certification form must submit a written request to the Department (the Bureau of Surface Water Permitting) for a determination to continue authorization under this permit, that includes the new expected completion date.

C. CONDITIONS FOR AUTHORIZATION UNDER THE NJPDES GENERAL PERMIT FOR CONSTRUCTION DEWATERING DISCHARGES

1. Certification Requirements

- a. A completed and signed Certification form (and analytical data) shall be submitted to the Department at the address specified on the Certification form.
- b. A copy of the Certification form (and analytical data) must also be submitted to the Department's appropriate regional Enforcement Bureau, depending on the county in which the discharge activity will occur. The addresses are specified below:
 - i. For Bergen, Essex, Hudson, Hunterdon, Morris, Passaic, Somerset, Sussex, and Warren Counties:
Northern Bureau of Water Compliance and Enforcement
7 Ridgedale Avenue
Cedar Knolls, New Jersey
07927-1112
 - ii. For Mercer, Middlesex, Monmouth, Ocean and Union Counties:
Central Bureau of Water Compliance and Enforcement
Mail Code 09-03
P.O. Box 420
Trenton, New Jersey 08625-0420
 - iii. For Atlantic, Burlington, Camden, Cape May, Cumberland, Gloucester and Salem Counties:
Southern Bureau of Water Compliance and Enforcement
One Port Center
2 Riverside Drive, Suite 201
Camden, New Jersey 08102
- c. A copy of this Certification form must also be maintained on site during the discharge event. Where it is not practical to keep a copy of the Certification form on site, a copy must be maintained in the business office of the certifying entity and a copy provided to the clerk in the town or municipality where the discharge activity will occur. The certifying entity authorizing the work must maintain a copy of the Certification form for a period of five (5) years, as per N.J.A.C. 7:14A-6.6.
- d. If applying for scheduled multiple short-term discharges, the Certification form shall include a proposed schedule of the expected discharges.
- e. Questions regarding construction dewatering activities, which are similar to the discharges listed above but are not specifically addressed herein, or questions regarding the eligibility of any discharge through this general permit, should be directed to the Bureau of Surface Water Permitting at (609) 292-4860 or by email to suryakant.shah@dep.state.nj.us or tara.goodreau@dep.state.nj.us so that a permit determination can be made.
- f. Incidental discharges to ground waters (DGW) of the State which may result from a discharge authorized by this permit, such as from overland flow on the way to the storm sewer or surface water conveyance, are also authorized under this general permit.
- g. The permittee shall maintain records of monitoring information, including the following:
 - i. all calibration and maintenance records;

- ii. records of all data used to complete the application/ Certification form and copies of all reports shall be retained for a period of five (5) years as required by N.J.A.C. 7:14A-6.6.
- h. This permit does not waive the requirement to obtain any other necessary Federal, State or Local government consents or approvals. No work shall be undertaken until such time as all other required approvals and permits have been obtained.
- i. This permit does not grant permission to use publicly or privately owned storm sewers or conveyances. The discharger is responsible for obtaining permission from the appropriate entity for such use.
- j. Representatives of the Department shall have the right to enter and inspect any area associated with a discharge authorized under this permit.
- k. The discharge shall not cause or result in erosion to the area of the discharge or the surrounding stream banks. Adequate dewatering structures and velocity dissipation devices should be used when necessary to prevent and minimize erosion, stream scouring and increases in turbidity. Dischargers may refer to "Standards for Soil Erosion and Sediment Control in New Jersey", as promulgated by the State Soil Conservation Committee and N.J.A.C.2:90-13 et seq. In addition, the Regional Soil Conservation District office (organized by county) may be contacted for guidance on soil erosion control.
- l. Construction dewatering projects exceeding 100,000 gallons per day (GPD) of groundwater for a period of 30 days or more, may also require a water allocation permit from the Department's Bureau of Water Allocation. The applicant may contact the Bureau of Water Allocation at (609) 292-2957 for additional information.
- m. Construction dewatering projects authorized under this general permit that are expected to discharge for a period of 30 days or more and also utilize a temporary treatment unit, shall contact the Department's Bureau of TWA and CSO and Construction Management at (609) 984-6840 to determine whether a Treatment Works Approval (TWA) must be obtained.
- n. The discharger shall take into account the conveyance capacity of the discharge outlet structure and/or conveyance structure prior to discharge and shall manage or control the flow of the discharge accordingly. The discharge shall not cause or create downstream flooding conditions.
- o. The permittee shall not discharge foam or cause foaming of the receiving water that:
 - i. forms objectionable deposits on the receiving water;
 - ii. forms floating masses producing a nuisance; or
 - iii. interferes with a designated use of the waterbody.
- p. The permittee's discharge shall not produce objectionable color or odor in the receiving stream.
- q. The discharge shall not exhibit a visible sheen, nor contain any scum or other residual matter.
- r. The discharger shall minimize the amount of suspended solids or turbidity in the discharge so as to not cause adverse impacts or be detrimental to the natural aquatic biota, or cause instream exceedances of the New Jersey Surface Water Quality Criteria (N.J.A.C. 7:9B-1.14 et seq.) in the receiving water. If the discharge contains suspended solids, BMPs shall be utilized to minimize the levels prior to discharge to the receiving water. Some examples of BMPs include increased retention time and filtration devices (such as hay bales).

- s. There shall be no discharge of floating solids in other than trace amounts. The discharger shall use appropriate BMPs to eliminate floating debris, floatable or settleable solids, including construction or maintenance-related dirt, rust, or scale present in the waters prior to discharge.
- t. The following statement shall be signed by the authorized agent and submitted to the Department:
"I certify under penalty of law that this Certification form and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for purposely, knowingly, recklessly, or negligently submitting false information."

D. MONITORING BY TURBIDITY (optional)

- a. Continuously monitoring turbidity may provide a correlation with elevated concentrations of some pollutants listed in "Appendix A" (e.g. organic compounds). This turbidity benchmark shall ensure that the removal of solids and particulates in the discharge shall be at least equal to or below the pollutant levels listed in Appendix A.
- b. Should the discharger elect to establish turbidity as a methodology to ensure compliance with the pollutants listed in Appendix A, the discharger shall sample for turbidity daily and record each result from each dewatering location. The discharger shall maintain a monthly log of the turbidity sample results on site for all construction dewatering activities. The turbidity sample results as well as the methodology for the determination of a turbidity benchmark shall be submitted to the Department at the following address:
Division of Water Quality
Bureau of Surface Water Permitting
Mail Code 401-02B
P.O. Box 420
Trenton, New Jersey 08625-0420

E. EXCLUSIONS - THE FOLLOWING DISCHARGES ARE SPECIFICALLY EXCLUDED FROM AUTHORIZATION UNDER THIS GENERAL PERMIT (NJ0134511)

- a. Sediment laden waters controlled under the Standards for Soil Erosion and Sediment Control in New Jersey and the Soil Erosion and Sediment Control Act (N.J.S.A. 4-24-39 et seq);
- b. All discharges of industrial process wastewater including contact and non-contact cooling water;
- c. Sanitary sewer flushing;
- d. Discharges from domestic, publicly or privately owned, and industrial treatment works;
- e. Combined sewer overflow;
- f. Sanitary sewer overflow;
- g. Discharges in any way associated with site remediation activities, including groundwater from any site adjacent to a site either needing water or soil remediation or any contaminated site needing remediation;

- h. Contaminated water from monitoring well construction and development or capping;
- i. Discharges from water and wastewater treatment system bench scale and pilot testing;
- j. Discharges resulting from filter backwash operations;
- k. Draining of and filter backwash from municipal, commercial, or other non-residential swimming pools;
- l. Water used to clean and rinse storage tanks, natural gas pipelines, or other vessels;
- m. Contaminated water resulting from construction dewatering activities;
- n. Discharges resulting from water main breaks and water distribution system infrastructure failures;
- o. Emergency discharges of contaminated waters;
- p. Tank or vessel bottom water accumulated at the bottom of the tank/vessel during its operations;
- q. Discharges from the disinfection of newly constructed or repaired potable water mains or fire hydrant flushing;
- r. Discharges resulting from Hydrostatic testing of tanks, vessels or pipelines;
- s. All petroleum product clean up activities; and
- t. Discharges from mining operations.

**F. REQUEST FOR AUTHORIZATION CERTIFICATION FORM
(Certification)**

- a. The company or entity authorizing the activity which will result in the discharge to be authorized by this permit, must designate an agent. The agent will be responsible for ensuring that the discharge complies with all applicable requirements of this permit and must certify this on the Certification form. The Certification form is available on the Department's website at: www.state.nj.us/dep/dwq/forms.htm.
- b. An original Certification form, legally executed by the designated agent, shall be submitted to the Department's Bureau of Surface Water Permitting, with a copy sent to the Regional Water and Compliance Enforcement office, as listed on the Certification form. This must be completed and submitted to both offices at least fourteen (14) days prior to the proposed discharge. A copy of the Certification shall also be kept on site, where this is impractical, a copy shall be kept at the business office of the designated agent. A copy of this certification form shall also be sent to the clerk in the town or municipality in which the discharge shall occur. This Certification form shall be made available to a Department representative or other person(s) upon request. The Certification form shall contain all of the following information:
 - i. the name of the operating entity authorizing the work (company, town or municipality) resulting in the discharge to surface water and the name, title, physical and email contact information of a principal officer in the company or of a specified official in the town or municipality.
 - ii. the name and title of the designated agent, affiliation, address, telephone number and email address;
 - iii. a project description and the scheduled date(s) of the proposed discharge event(s);

- iv. the source of the water to be discharged (e.g., ground water);
 - v. the number of well point(s), if applicable, and the approximate total quantity of water to be discharged, as well as the anticipated flow rate of the discharge;
 - vi. the approximate duration of the discharge;
 - vii. a description of the designated discharge point and the location(s) (street name(s) or street address (as appropriate), municipality, and county) of the discharge;
 - viii. the receiving water(s) to which the discharge will be directed, including the method of transport (i.e., via storm sewer, ditch, tributary, etc.);
 - ix. a description of the BMPs to be used, and any temporary treatment units used;
 - x. a description of any turbidity benchmark established, if appropriate.
- c. If this Certification form is not submitted as specified above, or cannot be produced upon request by a Department or other government or jurisdictional representative, the discharger may be subject to enforcement action(s).
- d. If the conditions of this permit are not met, the Department reserves the right to require the discharger to cease discharging and to obtain an individual or other general NJPDES permit and/or to utilize other alternate disposal methods.

G. SIGNATORY REQUIREMENTS FOR THE CERTIFICATION FORM

- 1. According to N.J.A.C. 7:14A-4.9, requests for authorization and other information requested by the Department, shall be signed by a person described in (a) through (d) below.**
- a. For a corporation, by a responsible corporate officer. For the purpose of this section, a responsible corporate officer means:
 - i. A president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy or decision-making functions for the corporation; or
 - ii. The manager of one or more manufacturing, production or operating facilities provided:
 - (1) The manager is authorized to make management decisions that govern the operation of the regulated facility, including having the explicit or implicit duty of recommending major capital investment, initiating and directing comprehensive measures to assure long term compliance with environmental laws and regulations and ensuring that the necessary systems are established or actions taken to gather complete and accurate information for the Certification form requirements; or
 - (2) The authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures.
 - b. For a partnership or sole proprietorship, by a general partner or the proprietor, respectively; or
 - c. (c) For a municipality, State, Federal, or other public agency, by either a principal executive officer or ranking elected official. For purposes of this section, a principal executive officer of a Federal agency includes:
 - i. The chief executive officer of the agency; or
 - ii. A senior executive officer having responsibility for the overall operations of a principal geographic unit of the agency (e.g., Regional Administrator); or

- d. By a duly authorized representative as described in (i) below.
 - i. A person is a duly authorized representative only if:
 - (1) The authorization is made in writing by a person described in 1(a) through (c), above;
 - (2) The authorization specifies either an individual or a position who's occupant has responsibility for the overall operation of the regulated facility or activity such as the position of plant manager, operator of a well or a well field, superintendent, position of equivalent responsibility, or an individual or position who's occupant has overall responsibility for environmental matters of the company. (A duly authorized representative may thus be either a named individual or any other individual occupying a named position); and,
 - (3) the written authorization is submitted to the Department.
- 2. If an authorization under (d) above is no longer accurate because a different individual or position has responsibility for the overall operation of the facility or overall responsibility for environmental matters for the company, a new authorization satisfying the requirements of (d) above, must be submitted to the Department with the Certification form signed by an authorized representative.**
- a. Any person signing the Certification form under section G.1 above, shall make the following Certification:

"I certify under penalty of law that this Certification form and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for purposely, knowingly, recklessly, or negligently submitting false information."

NJPDES MASTER GENERAL PERMIT PROGRAM INTEREST, Trenton

Permit No.NJ0134511
DSW100002 Surface Water Master General Permit Renewal

APPENDIX A

The parameters listed below are in accordance with the remediation standards at N.J.A.C. 7:14A-12, Appendix B except for MTBE, which is in accordance with N.J.A.C. 7:9B-1.14 et seq. The applicant shall ensure that the construction dewatering water shall be sampled and analyzed at a detection level as sensitive as the Recommended Quantitation Levels (RQL) for all of the parameters.

Acid Compounds

All units are in micrograms per liter (µg/L)

Parameter	FW2 Waters		SE, SC Waters		RQL
	Monthly	Daily	Monthly	Daily	
	Average	Maximum	Average	Maximum	
2-Chlorophenol	31	98	31	98	20
2,4 Dichlorophenol	39	112	39	112	10
2,4 Dimethylphenol	18	36	18	36	13.5
4,6 Dinitro-O-Cresol	NL	60	78	277	60
2,4 Dinitrophenol	71	123	71	123	10
2-Nitrophenol	41	69	41	69	18
4-Nitrophenol	72	124	72	124	12
Pentachlorophenol	NL	30	NL	30	30
Phenol	15	26	15	26	10
2,4,6 Trichlorophenol	NL	20	NL	20	20

Pesticides

All units are in micrograms per liter (µg/L)

Parameter	FW2 Waters		SE, SC Waters		RQL
	Monthly	Daily	Monthly	Daily	
	Average	Maximum	Average	Maximum	
Aldrin	NL	0.04	NL	0.04	0.04
Alpha-BHC	NL	0.02	NL	0.02	0.02
Beta-BHC	0.137	0.274	0.46	0.92	0.04
Gamma-BHC (Lindane)	NL	0.08	NL	0.03	0.03
Chlordane	NL	0.2	NL	0.2	0.2
4,4'-DDT	NL	0.06	NL	0.06	0.06
4,4'-DDE	NL	0.04	NL	0.04	0.04
4,4'-DDD	NL	0.04	NL	0.04	0.04
Dieldrin	NL	0.03	NL	0.03	0.03
Alpha-Endosulfan	NL	0.02	NL	0.02	0.02
Beta-Endosulfan	NL	0.04	NL	0.04	0.04
Endosulfan Sulfate	0.93	1.86	2	4	0.08
Endrin	NL	0.04	NL	0.04	0.04
Endrin Aldehyde	0.76	1.52	0.81	1.62	0.1
Heptachlor	NL	0.02	NL	0.02	0.02
Heptachlor Epoxide	NL	0.4	NL	0.4	0.4
Toxaphene	NL	1	NL	1	1

Volatile Compounds			Appendix A (Continued)		
All units are in micrograms per liter (µg/L)					
Parameter	FW2 Waters		SE, SC Waters		RQL
	Monthly	Daily	Monthly	Daily	
	Average	Maximum	Average	Maximum	
Acrolein	NL	100	NL	100	50
Acrylonitrile	NL	50	NL	50	50
Benzene	NL	7	37	136	7
Bromoform	NL	8.6	29	58	8
Carbon Tetrachloride	NL	6	NL	8.8	6
Chlorobenzene	15	28	15	28	6
Chlorodibromomethane	NL	8.2	NL	14	6
Chlorethane	104	268	104	268	N/A
Chloroform	NL	11.4	21	46	5
Dichlorobromomethane	NL	5	NL	12	5
1,1-Dichloroethane	22	59	22	59	23.5
1,2-Dichloroethane	NL	3	68	211	3
1, 1-Dichloroethylene	NL	6	16	25	6
1,2-Dichloropropane	153	230	153	230	5
1,3-Dichloropropylene	10	20	29	44	7
Ethylbenzene	32	108	32	108	6
Methyl Bromide	20	40	20	40	9
Methyl Chloride	86	190	86	190	10
Methylene Chloride	NL	9.4	40	89	6
1,1,2,2 Tetrachloroethane	NL	10	NL	10	10
Tetrachloroethylene	NL	16	22	56	9
Toluene	26	80	26	80	6
1,2-Trans-Dichloroethylene	21	54	21	54	4
1,1,1-Trichloroethane	21	54	21	54	6
1,1,2-Trichloroethane	NL	12	21	54	6
Trichloroethylene	NL	5.4	21	54	5
Methyl tertiary butyl ether (MTBE)	NL	70	NL	NL	N/A
Vinyl Chloride	NL	10	104	268	10

Metals and Cyanide					
All units are in micrograms per liter (µg/L)					
Parameter	FW2 Waters		SE, SC Waters		RQL
	Monthly	Daily	Monthly	Daily	
	Average	Maximum	Average	Maximum	
Arsenic	50	100	50	100	8
Cadmium	50	100	50	100	4
Chromium	50	100	50	100	10
Copper	50	100	50	100	10
Iron	1000	2000	1000	2000	100
Lead	50	100	50	100	10
Mercury	NL	1	NL	1	1
Nickel	72	144	50	100	10
Selenium	50	100	50	100	10
Silver	25	50	25	50	2
Zinc	100	200	100	200	30
Cyanide	100	200	100	200	40

Base/Neutral Compounds			Appendix A (Continued)		
All units are in micrograms per liter (µg/L)					
Parameter	FW2 Waters		SE, SC Waters		RQL
	Monthly	Daily	Monthly	Daily	
	Average	Maximum	Average	Maximum	
Anthracene	22	59	22	59	10
Benzidine	NL	50	NL	50	50
Benzo (a) Anthracene	NL	10	NL	10	10
Benzo (a) Pyrene	NL	20	NL	20	20
Benzo (b) fluoranthene	NL	10	NL	10	10
Benzo (k) fluoranthene	NL	20	NL	20	20
Bis (2-Chloroethyl) Ether	NL	10	NL	10	10
Bis (2-Chloroisopropyl) Ether	301	757	301	757	10
Bis (2-Ethylhexyl)Phthalate	NL	36	59	118	30
Butyl Benzyl Phthalate	NL	24	NL	24	20
Chrysene	NL	20	NL	20	20
Dibenzo (a,h) Anthracene	NL	20	NL	20	20
1,2 Dichlorobenzene	77	163	77	163	9
1,3 Dichlorobenzene	31	44	31	44	9
1,4 Dichlorobenzene	NL	28	NL	28	20
3,3 Dichlorobenzidine	NL	60	NL	60	60
Diethyl Phthalate	81	203	81	203	10
Dimethyl Phthalate	19	47	19	47	10
Di-N-Butyl Phthalate	27	57	27	57	20
2,4 Dinitrotoluene	NL	10	NL	18.2	10
2,6 Dinitrotoluene	255	641	255	641	9.5
Fluoranthene	25	68	25	68	10
Fluorene	22	59	22	59	10
Hexachlorobenzene	NL	10	NL	10	10
Hexachlorobutadiene	NL	10	20	49	10
Hexchlorocyclopentadiene	240	480	NL	1800	10
Hexachloroethane	19	38	21	54	10
Indeno (1,2,3-cd) Pyrene	NL	20	NL	20	20
Isophorone	NL	20	NL	20	10
Naphthalene	22	59	22	59	8
Nitrobenzene	17	34	27	68	10
N-Nitrosodimethylamine	NL	20	NL	20	20
N-Nitrosodiphenylamine	NL	20	NL	20	20
Phenanthrene	22	59	22	59	10
Pyrene	25	67	25	67	20
1,2,4 Trichlorobenzene	68	140	68	140	10